

SCM550HP



Other related Standard products:

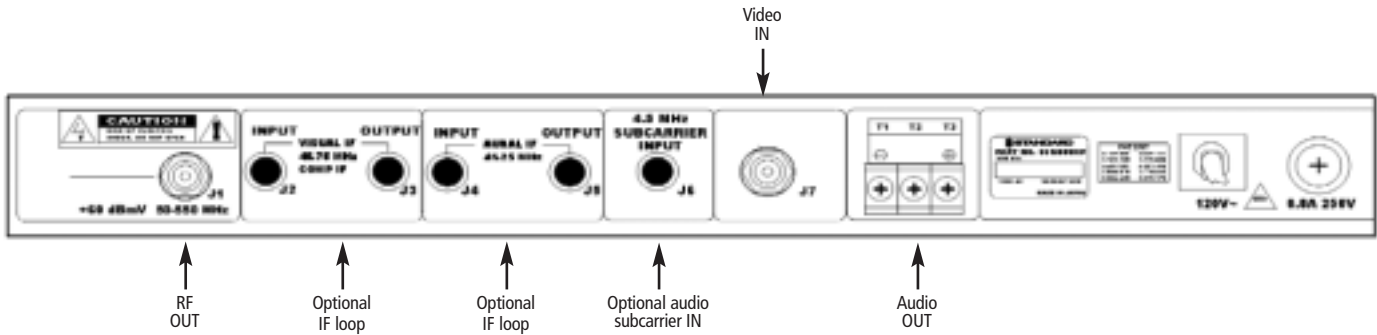
- MT630 Agile IRD SC Satellite Receiver
- MT650 Agile IRDII Satellite Receiver
- TVM550II Agile CATV Modulator
- TVM1000 Agile CATV Modulator
- DUC1000 Dual Digital Upconverter
- DSG2000BD Stereo Generator
- Stratum II Integrated Network Modulation System

 **Standard
Communications**
The Standard in Broadband

frequency agile AM-VSB modulator

- High quality out-of-band noise performance
- Direct-dial front panel frequency selection and RF readout
- Frequency agile, PLL synthesized tuning, from 50 – 550 MHz
- Virtually spurious free RF performance across the entire 550 MHz band
- SAW filtered RF output for superior adjacent channel performance
- Advanced clamping circuit for operation with baseband scrambling systems
- Compatible with Standard's DSG2000BD and other BTSC stereo encoders
- High-level mixer technology ensures out-of-band noise specifications
- Economical solution for new systems, or system rebuilds
- Custom tuner eliminates external filtering or integrated switched filter networks
- Can be ordered with an optional 4.5 MHz input or IF loop-through kit for scrambling systems
- Integrated circuit technology to ensure excellent performance and reliability
- Seven-year Gold Standard Warranty

SCM550HP



SPECIFICATIONS

RF

- Frequency range50 – 550 MHz
- Output level+60 dBmV
- Spurious output-57 dBc
- C/N out-of-band+72 dBc
- C/N in-band+62 dBc
- Phase noise-85 dBc
- RF stability3.0 kHz
- VSB filter (-3.58 MHz)-40 dBc
- VSB filter (+4.75 MHz)-20 dBc
- VSB filter (-1.25 MHz)-20 dBc

VIDEO

- Frequency response1.5 dB
- Field-time distortion3.0 IRE
- Short-time distortion≤4.0 IRE
- Differential gain5.0%
- Differential phase3.0°
- Line time distortion≤5 IRE
- Chroma-luma gain ineq8 IRE
- Signal to noise ratio60 dB

AUDIO

- Frequency response1.5 dB
- Input impedance600 ohms
- Input level (25 kHz dev.)0 dBm
- Harmonic distortion1.5%

OPTIONS (field installable)

- Cif550IF loop-through kit and
4.5 MHz audio input kit

GENERAL

- Primary AC voltage120/240 VAC, 50 – 60 Hz
- Power21 W
- Size19"W x 12"D x 1.75"H

* Specifications subject to change without notice. For the latest information go to www.standardcomm.com.

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Available through

Multicom, Inc.

1076 Florida Central Parkway, Longwood, FL 32738

Ph: 407-331-7779 Toll Free: 800-423-2594 Fax: 407-339-0204

www.multicominc.com

multicom@multicominc.com